1. Record Nr. UNINA9910842299003321 Autore Salgado-Guerrero Juan Pablo Titolo Systems, Smart Technologies and Innovation for Society: Proceedings of CITIS'2023, Volume 2 Cham:,: Springer,, 2024 Pubbl/distr/stampa ©2024 **ISBN** 3-031-52090-4 Edizione [1st ed.] Descrizione fisica 1 online resource (339 pages) Collana Lecture Notes in Networks and Systems Series; v.871 Altri autori (Persone) Vega-CarrilloHector Rene García-FernándezGonzalo Robles-BykbaevVladimir Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Intro -- Preface -- Organization -- Contents -- Mobility -- Low-Cost Robotic System of Detection of Anti-personal Metal Mines -- 1 Introduction -- 2 Methodology -- 2.1 Prototype Design -- 2.2 Sliding Lanes Locomotion System -- 2.3 Robot Cinematic Model -- 3 Results -- 4 Discussion -- 5 Conclusions -- References -- Life Cycle Assessment of the Polyethylene Terephthalate (PET) Waste Bottles Recycling Process of a Local Industry in Guayaquil -- 1 Introduction --2 Materials and Methods -- 2.1 Goal Definition -- 2.2 Scope Definition -- 3 Results and Discussion -- 4 Conclusions and Future Perspectives -- References -- Flood Risk Analysis in an Andean Watershed by Integrating Satellite Data and Multicriteria Analysis -- 1 Introduction -- 2 Materials and Methods -- 2.1 Study Area -- 2.2 Base Layer -- 2.3 Flood Hazard Factors -- 2.4 Evaluation of Criteria Priorities -- 2.5 Decision Rule and Reclassification of Weighted Weights -- 3 Results --3.1 Factors Contributing to Flood Hazards -- 3.2 Evaluation of Criteria Priorities -- 3.3 Map of Flooded Areas -- 4 Discussion -- 5 Conclusion -- References -- Assessing the Growth of Electric and Hybrid Vehicles in Ecuador's Transportation Sector: A Technical Analysis of Their Impact on the Energy Matrix -- 1 Introduction -- 2 Current State of Ecuador's

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